

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Rec'd PCT/US 15 AUG 2005

Applicant : Tetsuo NAGANO et al. Group Art Unit : Unknown  
Appln. No : 10/519,682 (National Stage of PCT/JP2003/008585) Examiner : Unknown  
I.A. Filed : July 7, 2003  
For : FLUORESCENT PROBE

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop \_\_\_\_\_  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97, and 1.98, Applicants hereby bring the following information to the attention of the Examiner in charge of the above-identified application, which includes information cited and discussed in the specification, the International Search Report, the Written Opinion and the International Preliminary Examination Report issued in connection with counterpart International Application No. PCT/JP2003/08585. Copies of the International Search Report (in English and Japanese), the Written Opinion (in Japanese) and the International Preliminary Examination Report (in Japanese) were enclosed with the papers when entering the National Stage on January 7, 2005. A copy of the English language translation of the International Preliminary Examination Report is being submitted herewith. The Examiner is invited to review these materials to inspect the

relevance indicated during international examination with respect to the documents cited therein.

JP 10-226688, accompanied by an English language abstract and family member U.S. Patent No. 5,874,590, which is cited in the specification beginning on page 1;

WO 01/62755, and family member U.S. Patent Application Publication No. 2003/0162298 A1, which is cited in the specification beginning on page 1;

L. LINDQVIST et al., "Radiationless Transitions in Xanthene Dyes", J. Chem. Phys., Vol. 44, pp. 1711-1712 (1966), which is cited in the specification beginning on page 1;

WO 99/51586, and family member U.S. Patent No. 6,525,088 B1, which is cited in the specification beginning on page 8;

JP 2000-239272, accompanied by an English language abstract, which is cited in the specification beginning on page 8;

Richard P. HAUGLAND, Handbook of Fluorescent Probes and Research Chemicals, Sixth Edition, Chapters 22 - 24, pp. 503-584 (1996), which is cited in the specification beginning on page 8;

Theodora W. Greene, Protective Groups in Organic Synthesis, Chapter 7, pp. 218-287 (1981), which is cited in the specification beginning on page 10;

JP 6-207112 A, accompanied by an English language abstract and family members EP 0 582 836 A1, and U.S. Patent Nos. 5,380,880, 5,302,731, and 5,393,514; and

JP 08-271430, accompanied by an English language abstract.

Pursuant to current U.S. Patent and Trademark Office practice, copies of the U.S. patents and U.S. published patent application are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

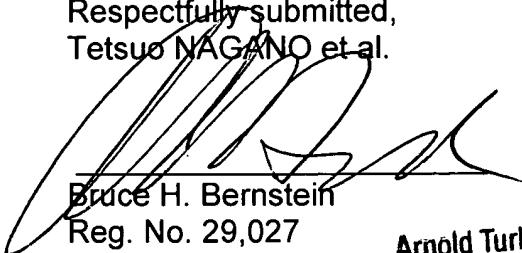
Copies of the above-noted documents, except for U.S. Patents and U.S. Patent Publications, are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicant respectfully requests that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

Applicants note that while this Information Disclosure Statement is being filed more than three months from the filing date, Applicants have not received an action on the merits from the U.S. Patent and Trademark Office. Accordingly, consideration of the enclosed document is required under 37 C.F.R. 1.97(b)(3).

However, if an action on the merits has been mailed prior to the filing date of this Supplemental Information Disclosure Statement, Applicants hereby authorize the charging of any required fees necessary for consideration of the documents cited herein to Deposit Account No. 19-0089.

Should there be any questions, the Examiner is invited to contact the undersigned at the below listed telephone number.

Respectfully submitted,  
Tetsuo NAGANO et al.

  
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FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket P26478	Application No. 10/519,682
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Tetsuo NAGANO et al.			
		Filing Date I.A. Filed July 7, 2003		Group Not Yet Assigned	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 8 7 4 5 9 0	02/23/99	NAGANO et al.			
2003 /	0 1 6 2 2 9 8	08/28/03		NAGANO et al.			
	6 5 2 5 0 8 8	02/25/03		NAGANO et al.			
	5 3 8 0 8 8 0	01/10/95		PITNER et al.			
	5 3 0 2 7 3 1	04/12/94		PITNER et al.			
	5 3 9 3 5 1 4	02/28/95		PITNER et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	1 0	- 2 2 6 6 8 8	08/25/98	JAPAN				
	0	1 / 6 2 7 5 5	08/30/01	W.I.P.O.				
	9	9 / 5 1 5 8 6	10/14/99	W.I.P.O.				
	2 0 0 0	- 2 3 9 2 7 2	09/05/00	JAPAN				
	6	- 2 0 7 1 1 2	07/26/94	JAPAN				
		0 5 8 2 8 3 6	02/26/94	E.P.O.				
	8	- 2 7 1 4 3 0	10/18/96	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of JP 10-226688, published August 25, 1998.
2	English Language Abstract of JP 2000-239272, published September 5, 2000.
3	English Language Abstract of JP 6-207112, published July 26, 1994.
4	English Language Abstract of JP 8-271430, published October 18, 1996.
5	L. LINDQVIST et al., "Radiationless Transitions in Xanthene Dyes", J. Chem. Phys., Vol. 44, pp. 1711-1712 (1966).
6	Richard P. HAUGLAND, Handbook of Fluorescent Probes and Research Chemicals, Sixth Edition, Chapters 22 - 24, pp. 503-584 (1996).
7	Theodora W. Greene, Protective Groups in Organic Synthesis, Chapter 7, pp. 218-287 (1981).

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.